

Mouse FXN Monoclonal Antibody | anti-FXN antibody

FXN antibody

CATALOG # AAA108257	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence
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PRODUCT SYNONYMS

FXN; Monoclonal Antibody; FXN antibody; Monoclonal FXN; Anti-FXN; CyaY; FA; FARR; FRDA; MGC57199; X25; anti-FXN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1C12
Purity/Purification	FXN antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Applicable Applications for anti-FXN antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	This nuclear gene encodes a mitochondrial protein which belongs to FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia.
Cross-Reactivity	Human
Immunogen	FXN antibody was raised in Mouse using full length human recombinant protein of human FXN produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



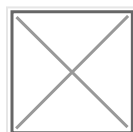
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant FXN protein using FXN antibody



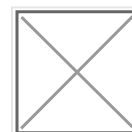
IHC (Immunohistochemistry)

Immunohistochemical analysis of FXN protein in paraffin embedded Carcinoma of Human lung tissue using FXN antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FXN protein (Right) or empty vector (Left) detected with FXN antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant FXN protein (red) or empty vector (blue) stained using FXN antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FXN antibody	Mouse monoclonal FXN antibody
Product Categories/Family for anti-FXN antibody	Nutrition & Metabolism

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fxn-antibody-clone-1c12-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/108257>